

***Draba jaegeri*** Munz & Johnston (1929)**JAEGER WHITLOWGRASS**

**FAMILY:** *Brassicaceae*, the mustard family.

**STATUS:**

**Heritage Program SENSITIVE LIST, ranks: G2 S2**

**USFWS/ESA:** species of concern. **STATE OF NEVADA:** none. **BLM:** none. **USFS:** Humboldt-Toiyabe NF Sensitive Species. **NNPS:** watch list.

**POPULATION CENSUS:** 9 occurrences mapped at 1.0 km (0.6 mi) separation, OR 13 occurrences mapped at 0.16 km (0.1 mi) separation; total estimated individuals 2449+, total estimated area 40.5+ ha (100+ ac). **TREND:** unknown.

**IMPACTS AND MAJOR THREATS:** Alpine species and hiking trails may cause problems with continued urban pressures.

**INVENTORY EFFORT:** Targeted surveys have been conducted but remain substantially incomplete. Most recent entered survey 1999, average year of last survey 1991. **Years since last entered survey** (percent of mapped records at various survey ages): **0-5 yrs:** 7.7%; **6-10 yrs:** 69.2%; **11-20 yrs:** 7.7%; **21-30 yrs:** 15.4%.

**LAND MANAGEMENT** in decreasing predominance: Humboldt-Toiyabe National Forest, designated wilderness, private lands (?), U. S. Bureau of Land Management (?).

**RANGE:** Clark County, Nevada. Endemic to the Spring Mountains. Maximum **range dimension 8.4 km (5.2 mi)** excluding most disjunct record. **Type specimen** collected in Clark County.

**ELEVATIONS RECORDED:** 8370-11650 feet (2551-3551 meters).

**HABITAT:** Dry carbonate scree, talus, crevices, and coarse rocky soils on ridges and steep north-facing slopes, in the subalpine conifer, lower alpine, and occasionally upper montane conifer zones, most often in the understory of *Pinus longaeva* forest.

**PHENOLOGY:** flowering summer. Range of most frequent **survey months:** June-August.

**LIFE-FORM AND HABIT:** small matted perennial herb.

**DESCRIPTION:** A low, gray-hairy, spreading perennial herb that forms a loose clump, 2-6 cm high. White flowers bloom June-August.

**PHOTOGRAPHS:** Knight and Smith (1994), Weixelman and Atwood (1990); Nevada Natural Heritage Program slide collection (1986-present) and files.

**ILLUSTRATIONS:** Mozingo and Williams (1980), Weixelman and Atwood (1990).

**OTHER GENERAL REFERENCES** (listed separately): Clokey (1951), Knight (1992), Nachlinger (1994), Niles et al. (1999), Rollins (1993).

**SPECIFIC REFERENCES:**

Bayer, R. J., and T. M. Minish. 1993. Isozyme variation, ecology and phytogeography of *Antennaria soliceps* (Asteraceae: Inuleae), an alpine apomict from the Spring Mountains, Nevada. *Madroño* 40(2): 75-89.

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Smith, F. 1995. Status report for *Antennaria soliceps*. Reno: The Nature Conservancy, prepared for the U. S. Fish and Wildlife Service, Reno. 11 pages + two appendices.

Smith, F. 1995. Status report for *Ivesia cryptocaulis*. Reno: The Nature Conservancy, prepared for the U. S. Fish and Wildlife Service, Reno. 11 pages + two appendices.

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Woodbury, K. 1980. Status report for *Draba jaegeri*. Portland, Oregon: U. S. Fish and Wildlife Service.

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